

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-094585

(43)Date of publication of application : 03.04.2003

---

(51)Int.Cl.

B32B 27/36

B65D 65/40

B65D 65/46

---

(21)Application number : 2001-294302

(71)Applicant : DAINIPPON INK & CHEM INC

(22)Date of filing : 26.09.2001

(72)Inventor : TOYODA AKIO

KAMIKURA MASAO

IMAMURA AKIYUKI

MIHARA TAKASHI

---

## (54) HEAT SEALING FILM

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide a heat sealing film having excellent impact resistance, flexibility, heat resistance, sealing strength and low bleeding-out properties, or particularly a heat sealing film made of a non-stretched film or sheet having excellent impact strength, flexibility, heat resistance and sealing strength and to provide a heat sealing film made of a stretched film or sheet exhibiting excellent heat resistance, sealing strength and low bleeding-out properties.

SOLUTION: The heat sealing film comprises a base layer and a heat sealing layer. The base layer contains a crystallized lactate polyester composition (A) containing a polylactic acid and a lactate polyester and having a melting point of 120°C or higher. The heat sealing layer contains an amorphous lactate polyester composition (B) containing an amorphous polylactic acid having a softening point of 40 to 110°C or a polylactic acid and a lactate polyester and having a softening point of 40 to 110°C.

---

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than

the examiner's decision of rejection or  
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office